Course Title: - Data Base Management System (DBMS) (2010)
Course Code: - BIT-204   **Semester – II**
Time: - $2\frac{1}{2}$ hours

Max Marks: - 80

Section A (Very short answer type questions to be answered in about 20 words)

Q1.

(i) Define Database Management System?
(ii) Disadvantages and Characteristics of Database?
(iii) Difference between Schema and Instance?
(iv) Define attributes and tuple?
(v) Define Inconsistency of Database?
(vi) Define BCNF?
(vii) Define DML and DDL?
(viii) Difference between Table and Views?

Section B (Short answer type Questions to be answered in about 250 words).

Q (2) Difference between Traditional file system and Database Management System?
Q (3) Difference between Relational Model and Hierarchical Model?
Q (4) What is Normalization? Explain 3NF with the help of suitable example?
Q (5) Why does SQL allow duplicate tuples in a Table or in a Query result

Section C (Long answer type Questions to be answered in about 500 words)

Q (6) what are the different types of database end users? Discuss the main activities of each?
Q (7) What is the difference between a database schema and database state?
Q (8) What is multi valued Dependency? What type of constraint does it specify?
Q (9) What is Procedure and write a simple procedure program for Library Management System to display some information of the student and staff members?